

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2	"5824928".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/30 10:20
S2	27	key with wall\$1 with ribs with reinforc\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/26 11:13
S3	15	key with wall\$1 with ribs and "84"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/12 16:03
S4	273	84/433.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/09 14:09
S5	6	S4 and key\$1 and ribs and abut\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/12 16:04
S6	614	84/423R.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/09 14:09
S7	321	S6 and key same (piano or keyboard)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/26 11:21
S8	276	S6 and key same (piano or keyboard) and (side or wall or rib or surface or plate) same key	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/20 11:27

## EAST Search History

S9	153	S6 and key same (piano or keyboard) and (side or wall or rib or surface or plate or shape or top or bottom) same key same (abutment or abut\$4 or stop\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/20 14:13
S10	78	S6 and key same (piano or keyboard) and (side or wall or rib or surface or plate or shape or top or bottom) same key same (abutment or abut\$4 or stopper)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/20 12:00
S11	58	S6 and key same (piano or keyboard) and key same (abutment or rib)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/20 12:08
S12	264	key same (piano or keyboard) and key same (abutment or rib) with front	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/20 13:56
S13	78	key same (piano or keyboard) and key same (abutment or rib) with reinforc\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/20 14:08
S14	181	(piano or keyboard) and key same (abutment or rib or member) with reinforc\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/20 14:12
S15	273	84/433.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/24 09:42
S16	148	S15 and key same (piano or keyboard) and (side or wall or rib or surface or plate or shape or top or bottom or member) same key	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/20 14:14

## EAST Search History

S17	25	84/430.ccls. and key same (piano or keyboard) and (side or wall or rib or surface or plate or shape or top or bottom or member) same key	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/20 14:14
S18	8297	key same (wall\$1 or side or chassis or inside) with (reinforc\$5 or strengthen\$3 or buttress or abutment)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/24 08:54
S19	585	key same (wall\$1 or side or chassis or inside) with (buttress or abutment or rib) with (reinforc\$5 or strengthen\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/26 11:25
S20	35	S19 and key same (piano or keyboard)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/26 11:24
S21	33	S19 and key with (piano or keyboard)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/26 11:25
S22	297	key same (wall\$1 or side or chassis or inside) near5 (buttress or abutment or rib) with (reinforc\$5 or strengthen\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/09 14:38
S23	17	S22 and key with (piano or keyboard)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/26 11:25
S24	6	("3047700"   "4001535"   "4463237"   "4626639"   "4803316").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/01/26 11:35
S25	4	("5066842").URPN.	USPAT	OR	OFF	2006/01/26 11:36

## EAST Search History

S26	64	"84"/\$.ccls. and key same (buttress or abutment or rib) with (reinforc\$5 or strengthen\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/26 13:08
S27	5	("3120146").URPN.	USPAT	OR	OFF	2006/01/26 12:08
S28	3	("4128035").URPN.	USPAT	OR	OFF	2006/01/26 12:12
S29	0	"84"/\$.ccls. and key same (abutment or front near3 key) near4 rib with (reinforc\$5 or strengthen\$3 or rigid\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/26 13:10
S30	40	"84"/\$.ccls. and key same (abutment or front near3 key) with (reinforc\$5 or strengthen\$3 or rigid\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/26 13:10
S31	15	("3205754"   "3570359"   "3663738"   "3750522"   "3855894"   "3941023"   "4091707"   "4240321"   "4351222"   "4434340"   "4488472"   "5081895"   "5610352"   "5847301").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/01/26 13:11
S32	2	("6051768").URPN.	USPAT	OR	OFF	2006/01/26 13:12
S33	65	84/430.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/09 14:10
S34	2	"5066842".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/30 10:20
S35	633	(piano or music\$4 near4 instrument or key adj board) and key same (wall\$1 or side or chassis or inside or end) with (reinforc\$5 or strengthen\$3 or buttress or abutment)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/24 09:36

## EAST Search History

S36	57654	"84"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/24 09:26
S37	255	S35 and S36	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/24 09:26
S38	6	("2116808"   "3413885"   "4604937"   "4846041").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/24 09:33
S39	1	("5090290").URPN.	USPAT	OR	OFF	2006/07/24 09:33
S40	239	(piano) and key same (wall\$1 or side or chassis or inside or end) with (reinforc\$5 or strengthen\$3 or buttress or abutment)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/24 09:44
S41	273	84/433.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/24 09:42
S42	618	84/423R.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/24 09:42
S43	65	84/430.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/24 09:43
S44	52	(piano) and key with (wall\$1 or side or chassis or inside) near7 (reinforc\$5 or strengthen\$3 or buttress or abutment or rib)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/24 09:45

## EAST Search History

S45	631	84/423R.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/09 14:10
S46	276	84/433.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/09 14:10
S47	65	84/430.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/09 14:10
S48	307	key same (wall\$1 or side or chassis or inside) near5 (buttress or abutment or rib) with (reinforc\$5 or strengthen\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/09 14:38